

Serial No.: 10/687,546  
Filing Date: October 15, 2003

**Detailed Claim Listing**

The following is a detailed listing of all claims that are, or were, pending in the present application. Please amend claim 1 and add new claims 9-11, as set forth in this detailed listing.

1. (Currently Amended) An isolated culture of *Muscodor vitigenus* and ~~mutants~~ variants thereof, wherein the culture is capable of producing a product comprising substantially naphthalene.
2. (Original) A composition comprising the isolated culture of claim 1 and at least one carrier.
3. (Original) The composition of claim 2, wherein the carrier is an agriculturally acceptable carrier.
4. (Original) The composition of claim 3, wherein said carrier is soil.
5. (Original) A method of repelling an insect from a first composition comprising contacting said first composition with a second composition comprising an isolated culture of *M. vitigenus*.
6. (Original) A method according to claim 5 wherein said first composition is a plant.
7. (Original) A method according to claim 6 wherein said plant is a plant part selected from the group consisting of seeds, fruits, stems, leaves and roots.
8. (Original) A method according to claim 6 or 7 wherein said second composition is soil inoculated with an isolated culture of *M. vitigenus*.
9. (New) The culture of claim 1, wherein the naphthalene comprises a naphthalene derivative.
10. (New) An isolated culture of *Muscodor vitigenus* and variants thereof, wherein the culture is capable of producing naphthalene at a rate of from about 5 ng hr<sup>-1</sup> to about 15 ng hr<sup>-1</sup>.
11. (New) The culture of claim 10, wherein the naphthalene comprises a naphthalene derivative.